



State of Vermont

Department of Fish and Wildlife
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RELAY SERVICE FOR THE HEARING IMPAIRED
1-800-253-0191 TDD>Voice
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AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Hazardous Materials Management Division
103 South Main Street/West Office
Waterbury, Vermont 05671-0404
(802) 241-3888
FAX (802) 241-3296

October 18, 1994

Wayne Manning, JR
Road Foreman
Town of Royalton
PO Box 680
South Royalton, VT 05068

RE: Petroleum contamination at the Royalton Town Garage, South Royalton, VT
(Site #94-1658)

Dear Mr. Manning:

The Sites Management Section (SMS) has received and reviewed the Dufresne-Henry, Inc. September 30, 1994 initial investigation report. Based on the information in this report, the SMS has concluded the following:

- On July 29, 1994, Dufresne-Henry, Inc. discovered evidence of a petroleum release during the tank closure of two 1,000-gallon underground storage tanks (USTs); one contained diesel product and the other gasoline. A Site Expressway Notification form was submitted to the SMS on August 2, 1994 indicating that this site would enter the Expressway Program. This report discusses the details of the initial site investigation performed under the Expressway Program.
- Three groundwater monitoring wells were installed on September 1, 1994 in the assumed downgradient direction of the excavated tanks. During the boring advancement, split spoon samples were screened for volatile organic vapors (VOCs) using a photoionization detector (PID). In MW-1, PID readings from split spoon samples were all below 60 ppm with the exception of a PID reading of 200 ppm screened at 24.5-feet below ground surface (bgs). In MW-2, maximum PID readings of 50 ppm were measured at 12 feet bgs. In MW-3, PID readings ranged from 5.6 ppm to 7 ppm. The three monitoring wells were sampled and analyzed for BTEX, MTBE, and other VOCs by EPA Method 8240. No compounds above the method detection limits, of 0.5 parts per billion, were found in any of the groundwater samples.
- The only potential receptors in the immediate area are the water supply wells serving the garage and the adjacent residence. Both wells were sampled using EPA Method 8240 with no petroleum compounds measured above the method detection limits. Potential impacts to the White River, located approximately 300 feet downgradient, are thought to be

negligible. The SMS believes the residual contamination at this site does not appear to pose an unacceptable risk to human health of the environment.

Based on the results of this investigation, the site is eligible for a Site Management Activity Completed (SMAC) designation. Sites which the Hazardous Materials Management Division have determined require no further management are classified as SMAC. This designation does not release the Town of Royalton from any past or future liability which may arise from the petroleum contamination which originated from the leaking underground storage tank system at the Royalton Town Garage. It does mean that the SMS is not requiring that any additional work be performed at this site in response to the initial contamination measured on the property. Please feel free to contact myself or Richard Spiese with any further questions or comments you may have.

Sincerely



Chuck Schwer, Acting Chief
Sites Management Section

cc: Royalton Selectboard
DEC Regional Office
Bruce Cox, Dufresne-Henry, Inc.

CS:mn/wp/941658smac